AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS:

1.   (Currently Amended) A data processing apparatus comprising:

one or more compression/decompression units that compress the data for [[the]] an input job and decompress the compressed data; and

a controller [[that]],

wherein when a processing request is issued for processing of the data for a next job by said compression/decompression unit(s) during processing of the data for a current job by said compression/decompression unit(s), said controller performs processing comprising:

obtains a) obtaining the processing wait period between pages of said current job,

b) obtaining the minimum processing time for said next job data,

c) comparing the processing wait period between pages of said current job with the minimum processing time for said next job data,

d) determines determining whether or not said processing wait period is longer than said minimum processing time, the data for said next job will undergo compression or decompression based on a comparison between the minimum processing time for said next job data and said processing wait period, and

e) ~~controls~~ <u>controlling</u> the execution of processing of <u>data for</u> said next job by said compression/decompression unit(s) ~~between pages of said current job~~ in accordance with this determination~~,~~

~~wherein the processing of said next job is executed on a page unit basis, a band unit basis, or a block unit basis, depending on the minimum processing time for said next job.~~

2.   (Original) The data processing apparatus according to claim 1, wherein when said processing wait period is longer than said minimum processing time, said controller permits said compression/decompression unit(s) to process said next job between pages of said current job.

3.   (Original) The data processing apparatus according to claim 1, wherein said job includes a copy job in which image data for an original document ready by an original document reader is printed out or a print job in which image data received from an external terminal is printed out.

4.   (Currently Amended) A data processing apparatus comprising:

one or more compression/decompression unit(s) that compress the data for [[the]] <u>an</u> input job and decompress the compressed data; and

a controller [[that]],

<u>wherein</u> when a processing request is issued for processing of the data for a next job by said compression/decompression unit(s) during processing of the data

for a current job by said compression/decompression unit(s), <u>said controller performs</u>

<u>processing comprising:</u>

    <u>a)</u> ~~identifies~~ <u>identifying</u> an attribute of said next job,

    <u>b)</u> ~~determines~~ <u>determining</u> whether <u>processing of data for said next job by</u>

<u>said compression/decompression unit(s) within the processing wait period is possible</u>

<u>or not</u>, ~~the data for said next job will undergo compression or decompression~~ based

on said identified next job attribute, and

    <u>c)</u> ~~controls~~ <u>controlling</u> the execution of processing of <u>data for</u> said next job by

said compression/decompression unit(s) between pages of said current job in

accordance with this determination~~,~~

~~wherein the processing of said next job is executed on a page unit basis, a~~

~~band unit basis, or a block unit basis, depending on the identified next-job attribute~~.

    5.   (Original) The data processing apparatus according to claim 4,

wherein said next-job attribute consists of whether the data processing for the next

job is to take place on a page unit, band unit or block unit basis.

    6.   (Original) The data processing apparatus according to claim 4,

wherein said next-job attribute consists of the type of the next job.

    7.   (Original) The data processing apparatus according to claim 4,

wherein said next-job attribute consists of the input source for the next job.

8.   (Original) The data processing apparatus according to claim 4, wherein said next-job attribute consists of whether the data is binary data or multi-value data.

9.   (Original) The data processing apparatus according to claim 4, wherein said next-job attribute consists of whether the data is monochrome data or color data.

10.   (Original) The data processing apparatus according to claim 4, wherein said job includes a copy job in which image data for an original document ready by an original document reader is printed out or a print job in which image data received from an external terminal is printed out.

11.   (Currently Amended) A data processing apparatus comprising:

one or more compression/decompression unit(s) that compress the data for [[the]] an input job and decompress the compressed data; and

a controller [[that]],

wherein when a processing request is issued for processing of the data for a next job by said compression/decompression unit(s) during processing of the data for a current job by said compression/decompression unit(s), said controller performs processing comprising:

a) obtains obtaining the processing wait period between pages of said current job,

b) obtaining the minimum processing time for said next job data,

c) comparing the processing wait period between pages of said current job with the minimum processing time for said next job data;

d) ~~identifies~~ identifying an attribute of said next job,

e) ~~determines~~ determining whether processing of data for said next job by said compression/decompression unit(s) within the processing wait period is possible or not, ~~the data for said next job will undergo compression or decompression~~ based on a comparison between the minimum processing time for said next job data and said processing wait period, as well as on said identified next job ~~attribute~~, and

f) ~~controls the~~ controlling execution of processing of said next job by said compression/decompression unit(s) ~~between pages of said current job~~ in accordance with this determination~~,~~

~~wherein the processing of said next job is executed on a page unit basis, a band unit basis, or a block unit basis, depending on the minimum processing time for said next job and the identified next job attribute.~~

12.   (Original) The data processing apparatus according to claim 11, wherein said next-job attribute consists of whether the data for the next job is to take place on a page unit, band unit or block unit basis.

13.   (Original) The data processing apparatus according to claim 11, wherein said next-job attribute consists of the type of the next job.

14.   (Original) The data processing apparatus according to claim 11, wherein said next-job attribute consists of the input source for the next job.

15.   (Original) The data processing apparatus according to claim 11, wherein said next-job attribute consists of whether the data is binary data or multi-value data.

16.   (Original) The data processing apparatus according to claim 11, wherein said next-job attribute consists of whether the data is monochrome data or color data.

17.   (Original) The data processing apparatus according to claim 11, wherein when said processing wait period is longer than said minimum processing time, said controller permits said compression/decompression unit(s) to process said next job between pages of said current job.

18.   (Original) The data processing apparatus according to claim 11, wherein said controller compares said next-job data minimum processing time and said processing wait period after the next-job attribute is identified.

19.   (Original) The data processing apparatus according to claim 11, wherein said job includes a copy job in which image data for an original document read by an original document reader is printed out or a print job in which image data received from an external terminal is printed out.

20.   (New) The data processing apparatus according to claim 1, wherein when at least one of said compression/decompression unit(s) is not busy, the controller performs processing of from a) to e).

21.   (New) The data processing apparatus according to claim 4, wherein when at least one of said compression/decompression unit(s) is not busy, the controller performs processing of from a) to c).

22.   (New) The data processing apparatus according to claim 11, wherein at least one of said compression/decompression unit(s) is not busy, the controller performs processing of from a) to f).